

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100824\
 Data File : VW030464.D
 Acq On : 08 Oct 2024 22:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Quant Time: Oct 09 01:23:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 09 01:13:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	92181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	89080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	48799	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	12532	17.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
7) Chloroethane-d5	2.899	69	9910	18.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
11) 1,1-Dichloroethene-d2	4.027	65	10113	19.233	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.920%
21) 2-Butanone-d5	7.081	46	11527	39.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.580%
24) Chloroform-d	7.655	84	55574	22.441	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.760%
26) 1,2-Dichloroethane-d4	8.307	65	29516	22.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.320%
32) Benzene-d6	8.276	84	104852	21.001	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	9.270	67	27664	18.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.680%
41) Toluene-d8	10.325	98	103629	22.636	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.581	79	13283	21.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.922	63	10968	44.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	26904	23.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	41657	25.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	17942	17.807	ug/L	95
3) Chloromethane	2.223	50	10460	13.252	ug/L	100
5) Vinyl chloride	2.375	62	14689	17.506	ug/L	89
6) Bromomethane	2.790	94	11530	20.645	ug/L	86
8) Chloroethane	2.942	64	8095	17.683	ug/L	99
9) Trichlorofluoromethane	3.271	101	26032	24.083	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	25863	24.016	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	24121	22.523	ug/L	91
13) Acetone	4.125	43	10916	35.524	ug/L	97
14) Carbon disulfide	4.399	76	64741	18.179	ug/L	99
15) Methyl Acetate	4.673	43	8064	16.089	ug/L #	84
16) Methylene chloride	4.923	84	25111	17.699	ug/L	87
17) trans-1,2-Dichloroethene	5.435	96	27235	21.907	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	42490	21.488	ug/L #	86
19) 1,1-Dichloroethane	6.222	63	44785	18.916	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	29614	21.560	ug/L	88
22) 2-Butanone	7.173	43	12028	30.619	ug/L	84
23) Bromochloromethane	7.520	128	14354	23.937	ug/L #	61
25) Chloroform	7.685	83	51223	20.862	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	33115	20.336	ug/L	96
29) Cyclohexane	7.959	56	35817	18.240	ug/L #	83
30) 1,1,1-Trichloroethane	7.874	97	47610	23.072	ug/L	96
31) Carbon tetrachloride	8.069	117	46192	25.046	ug/L	95
33) Benzene	8.325	78	108546	20.006	ug/L	100
34) Trichloroethene	9.093	95	30861	21.383	ug/L	94
35) Methylcyclohexane	9.337	83	48481	21.889	ug/L	90
37) 1,2-Dichloropropane	9.368	63	25162	17.577	ug/L #	95
38) Bromodichloromethane	9.642	83	36984	20.577	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	42685	19.446	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	23132	31.416	ug/L #	88
42) Toluene	10.386	91	124907	21.504	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	36611	20.129	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	21444	21.256	ug/L	97
46) Tetrachloroethene	10.861	164	28978	26.845	ug/L	94
48) 2-Hexanone	10.971	43	18246	33.652	ug/L #	92
49) Dibromochloromethane	11.130	129	27042	23.820	ug/L	96
50) 1,2-Dibromoethane	11.233	107	20482	21.457	ug/L #	98
51) Chlorobenzene	11.654	112	84178	22.426	ug/L	94
52) Ethylbenzene	11.727	91	145132	22.056	ug/L	99
53) m,p-Xylene	11.837	106	57808	23.533	ug/L	91
54) o-Xylene	12.166	106	52817	22.590	ug/L	98
55) Styrene	12.178	104	92832	23.275	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	24156	20.445	ug/L #	97
59) Bromoform	12.349	173	17824	25.212	ug/L #	98
60) Isopropylbenzene	12.465	105	146133	21.098	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	17457	18.818	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	125861	22.465	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	124240	22.445	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	71365	23.055	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	71111	22.489	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	65846	23.861	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	4023	18.927	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.623	180	48841	22.861	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	42336	23.934	ug/L	97
71) Naphthalene	15.360	128	78355	24.218	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	39486	25.503	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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